


## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION

<b>Product name</b>	MIURA B125	<b>Chemical family</b>
<b>Product use</b>	BOILER WATER TREATMENT	
<b>Supplier</b>	 8 Copernicus Blvd. Brantford, ON N3P 1Y4 Tel: 519-758-8111	<b>Emergency Telephone #:</b> 613-996-6666

### SECTION 2 - INGREDIENTS

INGREDIENTS	CAS #	%	LC50 ppm (Rat, Inhal)	LD50 ppm (Rat, Oral)
DIETHYLAMINOETHANOL	100-37-8	30-60	N/A	1300

### SECTION 3 - PHYSICAL DATA

<b>Boiling Point:</b>	< 158 (Deg C)	<b>Specific Gravity:</b>	0.95
<b>Vapor pressure:</b>	<1.40	<b>Evaporation rate:</b>	N/A
<b>Vapor density:</b>	4.0	<b>Solubility in water:</b>	COMPLETE
<b>Volatiles in %:</b>	100	<b>Freezing point:</b>	0 Deg C
<b>pH:</b>	12	<b>Auto-ignition temperature:</b>	N/A
<b>Coefficient of water/oil distribution:</b> N/A			
<b>Appearance and odor:</b> CLEAR LIQUID WITH AMINE ODOUR.			
<b>Odor Threshold:</b> N/A			

### SECTION 4 - FIRE AND EXPLOSION DATA

<b>Flash Point (method):</b>	100 Deg C TCC	<b>LEL:</b>	6.7	<b>UEL:</b>	11.7
<b>Extinguishing media:</b>	WATER SPRAY				
<b>Special fire fighting instructions.</b>	DRY CHEMICAL OR ALCOHOL FOAM.				
<b>Unusual fire and explosion hazards:</b>					

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### SECTION 5 - REACTIVITY DATA

**Stability:** Stable

**Incompatibility:** STRONG ACIDS AND STRONG OXIDIZERS.

**Hazard decomposition products:** NONE.

**Polymerisation** Will not occur

### SECTION 6 - HEALTH HAZARD INFORMATION

**ROUTES OF EXPOSURE AND ACUTE EFFECTS**

**Exposure limit:** N/A

**Inhalation:**

**Skin:** MAY CAUSE SLIGHT IRRITATION.

**Eyes:** SEVERE IRRITANT.

**Ingestion:** CORROSIVE. CAUSES INTENSE PAIN. MAY CAUSE BLINDNESS.

**Chronic effects:** MAY CAUSE IRRITATION TO THE DIGESTIVE TRACT.

### FIRST AID

**Inhalation:** NONE DETERMINED.

**Skin:** REMOVE VICTIM TO FRESH AIR.

**Eye:** FLUSH WITH PLENTY OF WATER FOR AT LEAST L5 MINUTES.

**Ingestion:** FLUSH WITH PLENTY OF WATER FOR AT LEAST L5 MINUTES AND GET IMMEDIATE MEDICAL ATTENTION.

### SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

**Spill, leak or release:** DRINK PLENTY OF WATER AND GET IMMEDIATE MEDICAL ATTENTION.

**Waste disposal:**

SMALL SPILLS OF LESS THAN 1 GALLON FLUSH WITH WATER. LARGER SPILLS DYKE AND REMOVE TO CONTAINERS.

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### SECTION 8 - SPECIAL PROTECTION INFORMATION]

**Respiratory protection** IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS.

**Ventilation:** NONE REQUIRED.

**Protective Gloves:** General ventilation

**Eye protection:** RUBBER OR PLASTIC.

**Other protective equipment:** CHEMICAL GOGGLES OR FACE SHIELD.

### SECTION 9 - SPECIAL PRECAUTIONS

**Storage and handling conditions:** NONE REQUIRED.

### SECTION 10 - SPECIAL SHIPPING REQUIREMENTS

**Proper shipping name:** KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP FROM FREEZING.

**P.I.N #** FLAMMABLE LIQUID N.O.S.

**Prepared by:** Mike Wiens

**Preparation date:** 12/21/2009